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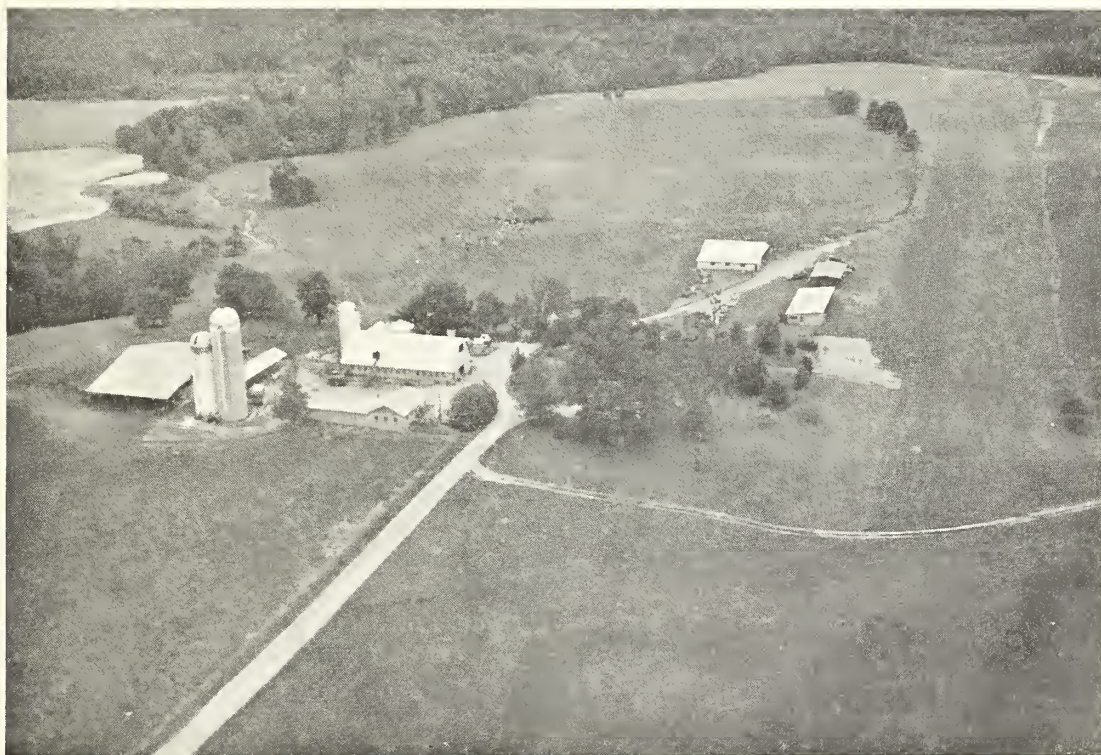
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VIRGINIA

1977

ASCS

ANNUAL REPORT



UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL STABILIZATION AND CONSERVATION SERVICE
400 North Eighth Street
Richmond, Virginia 23240

The cover picture depicts a typical
farm scene in the Southern Piedmont
area of Virginia. This picture was
taken during an aerial observation
training mission.

FOREWORD

This report provides narrative and graphic data covering the farm program accomplishments of the Agricultural Stabilization and Conservation Service in the State of Virginia during 1977.

We hope this information will be useful to persons interested in the work being done by this agency of the United States Department of Agriculture.

Sincere appreciation is extended to county and community ASC committeemen, county office personnel, representatives of other agricultural agencies, farmers, news media, and farm organizations who contributed to the success of farm programs in 1977.

VIRGINIA STATE ASC COMMITTEE

C. Frank Jordan, Chairperson
John L. Hopkins, III, Member
Joseph C. Kelly, Member
Lloyd Sykes, Member
James E. Warren, Member
Dr. M. F. Ellmore, Member

Leland E. Beale, Jr., State Executive Director

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STATE COMMITTEE
<p>C. Frank Jordan, Chairperson John L. Hopkins, III, Member Joseph C. Kelly, Member Lloyd Sykes, Member James E. Warren, Member Dr. M. F. Ellmore, Member</p>

STATE EXECUTIVE DIRECTOR
<p>Leland E. Beale, Jr., State Executive Director Frances E. Hawthorne, Secretary Charles C. Wright, County Office Specialist</p>

PROGRAM SPECIALIST STAFF	DISTRICT DIRECTORS	ADMINISTRATIVE DIVISION
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SECTION I - ADMINISTRATION OF ASCS PROGRAMS

The Virginia State Agricultural Stabilization and Conservation (ASC) Committee of 1977 consisted of five farmer members: C. Frank Jordan, Chairperson, John L. Hopkins, III, Joseph C. Kelly, Lloyd Sykes, James E. Warren and Dr. M. F. Ellmore, Director, Agriculture and Natural Resources, VPI and SU Extension Division. The five farmer members are appointed by the Secretary of Agriculture. The State ASC committee is responsible for the efficient and orderly operation of county and community ASC committees, county ASCS offices, and county employees within the State in accordance with applicable regulations and instructions. The committee also determines program and administrative policies as authorized by applicable regulations, instructions, and procedures. The execution of such policies is carried out by State and county employees under the direction of the State Executive Director.

The State Executive Director is assisted in the administration of the ASCS programs in 93 counties and six (6) cities by program specialists, the administrative officer, and eight district directors who act as liaison between the State and county ASCS offices in their respective districts.

The county ASC committee, acting through community committeemen and other personnel, is responsible for carrying out ASCS programs in the county. The county ASC committee is composed of three elected farmer members, consisting of a chairman, vice chairman and regular member. The Extension Agent, Agriculture, also serves as an ex officio member of the county committee. Members are elected on a rotated basis with one member being elected each year for a three-year term. A county executive director is employed by the county committee, subject to standards and qualifications furnished by the State committee, to carry out the policies and decisions of the committee, to efficiently administer all operations performed by the county office, to hire qualified employees, to work closely with the district director, and to serve the public in a faithful impartial manner. Committeemen are elected each year by farmers who are of legal voting age and who have an interest in a farm as owner, tenant, or sharecropper, and who are participating or are eligible to participate in one or more of the programs administered by the ASCS. A person not of legal voting age may vote if he is in charge of the supervision and conduct of the farming operation on an entire farm.

Candidates for community committeemen are first selected by nominating petitions for persons eligible and willing to serve. A petition nominating a person as a candidate must be signed by three eligible voters in the community. In the event nominating petitions are received for less than five (5) candidates, the incumbent community committee completes the slate of nominees. Also, when less than five (5) candidates are nominated by petition in communities having at least eight percent

minority members and petitions do not nominate at least one minority member, at least one is selected by the community committee when completing the slate of persons to be placed on the ballot. The person with the highest number of votes in the election becomes chairman of the community committee, the person with the second highest becomes vice chairman, and the regular member is that person with the third highest number of votes.

The three members of each elected community committee assemble in a county convention for the purpose of electing one member of the county committee for a three-year term and a first and second alternate member. Other vacancies on the county committee that may have been caused by resignation or deaths during the previous year are also filled at the same time for the term that is vacant.

A community committee has the responsibility of helping the county committee keep farmers informed about ASCS programs, assists in the determination of farm allotments, aids in program sign-up, gives advice and suggestions as applicable to farmers in its community, and helps develop program recommendations for submission to the State committee.

The following tabulation shows the results of the election held on December 5, 1977. The mail ballot method was used in all counties.

COMMUNITY COMMITTEE ELECTIONS

County	No. of Eligible Voters	Number Voting	Percent Voting
Accomack	963	273	28
Albemarle	1,882	438	23
Alleghany	538	227	42
Amelia	1,665	583	35
Amherst	1,327	317	24
Appomattox	1,571	469	30
Augusta	2,663	860	32
Bath	335	164	49
Bedford	2,871	706	25
Bland	765	319	42
Botetourt	1,380	430	31
Brunswick	4,159	1,497	36
Buchanan	782	338	43
Buckingham	1,519	512	34
Campbell	2,544	794	31
Caroline	991	285	29
Carroll	2,854	953	33
Charles City	380	123	32
Charlotte	1,595	736	46
Chesapeake (City)	1,257	323	26

COUNTY COMMITTEE ELECTIONS (Continued)

County	No. of Eligible Voters	Number Voting	Percent Voting
Chesterfield	664	221	33
Clarke	749	251	34
Craig	570	241	42
Culpeper	1,098	326	30
Cumberland	1,291	399	31
Dickenson	343	234	68
Dinwiddie	2,266	720	32
Essex	874	276	32
Fairfax	343	69	20
Fauquier	1,672	401	24
Floyd	2,531	730	29
Fluvanna	1,507	422	28
Franklin	4,210	1,041	25
Frederick	1,058	398	38
Giles	713	276	39
Gloucester	595	219	37
Goochland	1,104	439	40
Grayson	1,880	795	42
Greene	514	177	34
Greensville	1,698	494	29
Halifax	7,780	2,686	35
Hanover	1,878	608	32
Henrico	475	120	25
Henry	1,204	362	30
Highland	766	312	40
Isle of Wight	1,284	430	34
James City	225	95	42
King and Queen	889	241	27
King George	692	139	20
King William	614	197	32
Lancaster	660	192	29
Lee	4,393	1,753	40
Loudoun	1,149	329	29
Louisa	1,719	395	23
Lunenburg	1,928	645	34
Madison	874	313	36
Mathews	830	306	37
Mecklenburg	4,005	1,270	32
Middlesex	801	367	46
Montgomery	1,150	465	40
Nelson	1,227	375	31
New Kent	413	118	29
Northampton	389	221	57
Northumberland	1,503	370	25

COUNTY COMMITTEE ELECTIONS (Continued)

County	No. of Eligible Voters	Number Voting	Percent Voting
Nottoway	1,311	413	32
Orange	814	305	38
Page	1,055	320	30
Patrick	3,249	1,064	33
Pittsylvania	6,800	2,465	36
Powhatan	621	235	38
Prince Edward	1,489	699	47
Prince George	738	293	40
Prince William	613	148	24
Pulaski	820	299	37
Rappahannock	603	192	32
Richmond	752	186	25
Roanoke	827	306	37
Rockbridge	1,096	397	36
Rockingham	3,690	1,054	29
Russell	3,062	1,300	43
Scott	5,197	2,408	46
Shenandoah	1,243	421	34
Smyth	2,100	820	39
Southampton	1,673	1,006	60
Spotsylvania	846	198	23
Stafford	590	117	20
Surry	996	372	37
Suffolk (City)	1,345	357	27
Sussex	1,550	601	39
Tazewell	1,481	615	42
Virginia Beach (City)	819	196	24
Warren	598	247	41
Washington	4,987	2,021	41
Westmoreland	966	290	30
Wise	698	287	41
Wythe	1,661	625	38
York	133	61	46
<hr/>			
STATE TOTALS	148,992	51,103	34

SECTION II
COUNTY FARM DATA

County	All Farms		
	No. Farms	Farmland	*Acres Cropland (1,000 Acres)
Accomack	1,499	176,413	84.9
Albemarle	1,479	322,759	44.2
Alleghany	494	64,741	7.3
Amelia	1,212	185,790	41.1
Amherst	1,158	177,568	27.7
Appomattox	1,132	197,241	30.3
Augusta	2,412	336,969	99.0
Bath	317	101,792	14.5
Bedford	2,558	324,050	84.0
Bland	738	123,395	20.4
Botetourt	1,200	203,253	46.7
Brunswick	2,449	316,984	59.7
Buchanan	642	46,829	3.7
Buckingham	1,415	225,198	42.2
Campbell	1,768	266,096	56.7
Caroline	978	164,544	40.7
Carroll	2,925	215,935	46.9
Charles City	274	56,424	17.7
Charlotte	1,539	274,452	54.7
Chesapeake (City)	857	98,282	63.3
Chesterfield	627	129,295	18.6
Clarke	548	93,157	38.5
Craig	493	78,263	13.2
Culpeper	1,144	153,332	61.2
Cumberland	1,031	136,000	27.3
Dickenson	691	33,225	3.5
Dinwiddie	1,585	206,413	50.5
Essex	751	117,695	40.4
Fairfax	507	40,603	9.9
Fauquier	1,729	252,086	122.8
Floyd	2,361	231,441	28.5
Fluvanna	1,242	162,876	20.7
Franklin	2,896	361,147	78.7
Frederick	1,235	192,129	49.6
Giles	687	104,050	13.8
Gloucester	499	46,386	24.9
Goochland	1,282	143,242	38.0
Grayson	2,188	264,100	32.6
Greene	365	42,750	14.7
Greensville	810	141,254	43.1
Halifax	3,983	488,281	138.8
Hampton (City)	20	2,224	0.3
Hanover	1,624	142,169	65.2
Henrico	362	47,339	22.8

COUNTY FARM DATA (Continued)

County	All Farms		
	No. Farms	Farmland	*Acres Cropland (1,000 Acres)
Henry	1,269	129,887	18.7
Highland	742	173,389	14.7
Isle of Wight	944	160,543	66.4
James City	213	21,580	11.4
King and Queen	727	97,589	32.4
King George	604	77,346	23.5
King William	474	101,555	34.2
Lancaster	674	45,834	21.6
Lee	3,323	360,731	51.0
Loudoun	1,338	263,885	103.2
Louisa	1,525	156,871	54.1
Lunenburg	1,620	223,270	46.3
Madison	905	152,300	39.3
Mathews	664	19,592	9.9
Mecklenburg	2,645	335,021	86.5
Middlesex	608	58,917	21.4
Montgomery	1,043	211,012	24.2
Nelson	1,065	190,098	24.5
New Kent	256	55,470	11.3
Newport News (City)	6	1,009	0.5
Northampton	465	72,556	50.0
Northumberland	1,222	96,954	39.8
Nottoway	1,061	134,976	36.7
Orange	817	152,724	43.2
Page	1,003	133,000	37.5
Patrick	2,150	209,352	32.8
Pittsylvania	4,418	581,806	161.2
Powhatan	606	101,808	24.5
Prince Edward	1,275	167,142	47.6
Prince George	580	79,028	32.4
Prince William	563	78,260	28.4
Pulaski	751	137,900	20.0
Rappahannock	580	110,457	19.2
Richmond	821	84,989	27.4
Roanoke	673	69,471	16.0
Rockbridge	1,098	199,095	37.2
Rockingham	3,392	301,171	93.2
Russell	2,350	296,600	30.9
Scott	3,961	296,362	36.3
Shenandoah	1,674	148,516	56.8
Smyth	1,965	171,742	26.2
Southampton	1,250	317,531	111.9

COUNTY FARM DATA (Continued)

County	All Farms		
	No. Farms	Farmland	*Acres Cropland (1,000 Acres)
Spotsylvania	951	115,778	31.7
Stafford	527	58,710	11.8
Suffolk (City)	1,446	160,384	66.1
Surry	494	107,109	41.3
Sussex	793	207,791	53.4
Tazewell	1,466	215,292	33.6
Virginia Beach (City)	664	67,076	64.9
Warren	534	75,920	12.7
Washington	4,180	308,010	55.4
Westmoreland	944	106,897	43.0
Wise	706	35,560	6.3
Wythe	1,433	198,783	48.4
York	96	5,195	2.3
STATE TOTALS	123,260	15,928,016	4,018.5

*From 1967 Conservation Needs Inventory

SECTION III

SUMMARY OF ACCOMPLISHMENTS UNDER THE AGRICULTURAL CONSERVATION PROGRAM

The major purpose of the Agricultural Conservation Program (ACP) is to improve the quality of life for all people. Productive soil and an abundance of clean water are two of the three essentials for human life. This has been accomplished by cost-sharing with farmers to conserve our soil, water, woodland and wildlife resources. This program has enabled the performance of practices that the farmer could not--or would not--have performed without cost-sharing assistance, and on measures which benefited both the participating farms and entire communities.

Since February 29, 1936, the ACP has cost-shared with the farmer in carrying out conservation and pollution abatement practices. This cost-share assistance has helped the farmer to seed grasses, improve grasslands and use cropping patterns to benefit agricultural pollution from reaching our streams and rivers. ACP has helped the farmer construct ponds and grass waterways - which conserve water from rainfall runoff for livestock and wildlife. Ponds are also used to irrigate crops during dry weather to produce our food and fiber.

Practices which contribute to long-term soil and water conservation have been emphasized under this program - planting trees and improving the forest lands. These practices provide forests for recreation, wildlife, watersheds, open space, timberland, and above all, add to the beauty of America for all to enjoy.

ACP has helped in meeting the objectives of the Federal Water Pollution Control Act by encouraging farmers to install specific erosion and sediments control practices. The incentives under the program encouraged many farmers to take environmental improvement actions prior to implementation of water quality standards. This corrective action resulted in general public benefit as a result of an improved environment.

In 1977 specific practices were not included in the national program. County ASC committees, working with county program development groups, had full authority to develop practices for inclusion in the county program. The programs were reviewed by the State committee for compliance with national guidelines and regulations. Counties first identified their conservation needs and then developed the practices, concentrating on enduring conservation measures that provided needed solutions.

The tables which follow outline the 1977 conservation and pollution abatement accomplishments in Virginia through the Agricultural Conservation Program.

SUMMARY OF ACP PRACTICES BY COUNTIES
REGULAR AND LONG-TERM AGREEMENTS

County	Farms	Acres	Cost-Share Earned
RE1	Establishing Permanent Vegetative Cover		
Albemarle	28	197	\$ 5,638
Alleghany	22	123	3,616
Amelia	31	223	6,204
Amherst	26	141	3,890
Appomattox	18	116	3,470
Augusta	32	173	5,573
Bath	10	71	2,735
Bedford	40	301	9,815
Bland	7	42	1,102
Botetourt	46	259	8,368
Brunswick	12	131	3,924
Buchanan	4	10	547
Buckingham	32	150	4,563
Campbell	37	355	9,874
Caroline	8	96	3,708
Carroll	13	51	1,655
Charlotte	8	75	2,576
Chesterfield	30	378	10,797
Clarke	9	113	3,803
Craig	9	36	1,397
Culpeper	12	78	2,173
Cumberland	22	166	4,930
Dickenson	24	92	3,395
Dinwiddie	15	156	4,797
Essex	1	9	475
Fairfax	1	32	920
Fauquier	21	210	5,754
Floyd	17	52	1,718
Fluvanna	34	180	6,034
Franklin	19	146	4,774
Frederick	13	228	7,050
Giles	15	80	2,356
Gloucester	7	188	4,460
Goochland	18	171	5,058
Grayson	8	50	1,509
Greene	11	60	1,424
Greensville	1	21	729
Halifax	48	257	9,830
Hanover	31	257	8,657
Henrico	7	84	1,655
Henry	24	175	8,049
Highland	3	34	1,124
James City	2	25	813

SUMMARY OF ACP PRACTICES BY COUNTIES
REGULAR AND LONG-TERM AGREEMENTS

County	Farms	Acres	Cost-Share Earned
	RE1	Establishing Permanent Vegetative Cover	
King and Queen	3	16	\$ 308
King George	13	100	2,355
King William	2	29	8
Lee	18	96	2,272
Loudoun	6	72	2,369
Louisa	23	148	4,601
Lunenburg	17	122	1,328
Madison	12	72	2,185
Mathews	1	4	102
Mecklenburg	27	194	7,834
Middlesex	4	26	837
Montgomery	37	188	5,277
Nelson	27	147	4,281
New Kent	1	10	227
Nottoway	18	182	5,225
Orange	18	120	3,464
Page	14	106	2,776
Patrick	46	250	3,706
Pittsylvania	24	237	8,416
Powhatan	28	242	8,391
Prince Edward	8	46	1,606
Prince George	1	4	139
Prince William	6	62	2,487
Pulaski	19	115	3,745
Rappahannock	12	98	2,357
Roanoke	17	125	3,678
Rockbridge	43	210	6,263
Rockingham	24	243	5,925
Russell	23	179	4,208
Scott	12	66	2,114
Shenandoah	13	129	2,996
Smyth	2	10	368
Southampton	2	19	808
Spotsylvania	11	91	2,598
Stafford	9	93	3,098
Sussex	2	7	250
Tazewell	13	73	2,750
Warren	8	120	2,183
Washington	14	63	2,323
Westmoreland	1	4	118
Wise	5	26	1,069
Wythe	2	14	457
Chesapeake	4	18	399
Virginia Beach	5	46	1,516
STATE TOTALS	1,371	10,014	300,356

SUMMARY OF ACP PRACTICES BY COUNTIES
REGULAR AND LONG-TERM AGREEMENTS

County	Farms	Acres	Cost-Share Earned
RE2 Improving Permanent Vegetative Cover			
Albemarle	175	2,420	\$ 35,469
Alleghany	49	518	8,348
Amelia	43	570	9,566
Amherst	71	856	14,283
Appomattox	85	994	20,343
Augusta	326	3,521	49,938
Bath	39	557	9,741
Bedford	194	2,722	47,456
Bland	161	1,962	27,424
Botetourt	148	1,532	24,929
Brunswick	44	769	15,659
Buchanan	58	408	9,760
Buckingham	95	799	15,727
Campbell	79	1,017	21,034
Caroline	24	437	9,097
Carroll	445	2,465	46,228
Charles City	3	69	1,021
Charlotte	58	958	18,924
Chesterfield	14	149	3,388
Clarke	36	724	11,275
Craig	91	657	11,922
Culpeper	131	1,586	23,070
Cumberland	47	627	10,335
Dickenson	114	666	14,359
Dinwiddie	8	118	1,805
Essex	2	23	127
Fairfax	10	229	4,685
Fauquier	99	1,490	26,116
Floyd	348	2,156	33,485
Fluvanna	79	710	13,566
Franklin	107	1,422	26,356
Frederick	62	1,815	22,263
Giles	113	1,507	16,979
Gloucester	8	149	7,695
Goochland	36	509	7,503
Grayson	242	1,995	42,010
Greene	38	432	6,696
Greensville	1	30	295
Halifax	113	1,200	29,727
Hanover	49	548	12,927
Henrico	11	190	3,727
Henry	28	308	5,580
Highland	99	1,109	21,396
James City	5	117	2,363
King and Queen	6	73	936

SUMMARY OF ACP PRACTICES BY COUNTIES
REGULAR AND LONG-TERM AGREEMENTS

County	Farms	Acres	Cost-Share Earned
RE2 Improving Permanent Vegetative Cover - Continued			
King George	20	365	\$ 7,157
King William	3	90	122
Lee	216	1,688	25,269
Loudoun	55	1,623	27,709
Louisa	97	1,504	21,670
Lunenburg	39	448	6,475
Madison	101	966	17,669
Mathews	2	16	366
Mecklenburg	93	878	22,202
Middlesex	7	186	3,109
Montgomery	152	1,508	19,540
Nelson	125	1,346	23,142
New Kent	6	103	1,971
Northampton	4	112	2,783
Northumberland	2	23	426
Nottoway	52	977	16,681
Orange	81	1,037	15,185
Page	28	379	6,706
Patrick	94	807	6,243
Pittsylvania	142	2,289	45,483
Powhatan	23	290	6,222
Prince Edward	61	637	14,916
Prince George	3	111	1,535
Prince William	22	335	7,045
Pulaski	95	1,144	16,036
Rappahannock	72	1,181	14,551
Roanoke	76	826	14,051
Rockbridge	185	2,067	24,604
Rockingham	191	4,092	46,674
Russell	258	2,853	39,841
Scott	286	1,981	32,961
Shenandoah	110	1,647	21,464
Smyth	156	1,486	22,697
Southampton	14	201	4,156
Spotsylvania	59	927	11,216
Stafford	25	345	7,384
Sussex	3	73	1,511
Tazewell	196	2,931	45,017
Warren	44	841	10,772
Washington	315	2,265	44,276
Westmoreland	11	178	3,545
Wise	70	665	14,391
Wythe	271	3,017	38,859
York	3	35	770
Chesapeake	6	30	689

SUMMARY OF ACP PRACTICES BY COUNTIES
REGULAR AND LONG-TERM AGREEMENTS

County	Farms	Acres	Cost-Share Earned
RE2 Improving Permanent Vegetative Cover - Continued			
Suffolk	1	9	\$ 229
Virginia Beach	3	33	508
STATE TOTALS	7,872	89,658	\$ 1,461,391

	RE3	Planting Trees	
Accomack	1	4	\$ 36
Albemarle	3	18	413
Alleghany	2	12	346
Amelia	4	80	1,210
Amherst	1	4	315
Appomattox	2	11	259
Bedford	6	43	827
Botetourt	2	15	442
Brunswick	3	29	770
Buckingham	3	12	224
Campbell	3	21	1,245
Caroline	6	49	1,942
Carroll	6	57	779
Charlotte	4	21	570
Clarke	1	14	783
Craig	1	97	2,172
Culpeper	1	8	112
Cumberland	1	3	53
Dinwiddie	2	122	2,761
Essex	3	54	2,599
Fauquier	1	25	250
Floyd	8	62	1,410
Fluvanna	1	2	30
Franklin	2	11	451
Frederick	9	129	3,883
Giles	3	12	253
Gloucester	6	69	3,505
Goochland	1	3	48
Grayson	2	25	344
Greene	1	3	63
Greensville	3	50	890
Halifax	1	6	330
Hanover	1	2	35
Henrico	1	5	126
Highland	1	5	166
King and Queen	7	81	2,919

SUMMARY OF ACP PRACTICES BY COUNTIES
REGULAR AND LONG-TERM AGREEMENTS

County	Farms	Acres	Cost-Share Earned
RE3 Planting Trees - Continued			
King George	1	16	\$ 56
King William	5	125	2,735
Lancaster	3	23	1,361
Lee	1	1	29
Louisa	1	17	485
Lunenburg	8	125	1,092
Madison	2	7	136
Mecklenburg	4	39	1,263
Middlesex	3	24	406
Montgomery	6	19	586
New Kent	1	44	704
Northampton	1	38	199
Northumberland	6	59	2,609
Page	1	3	104
Patrick	2	11	3
Pittsylvania	10	151	4,487
Rappahannock	3	18	485
Richmond	3	35	1,362
Roanoke	2	8	199
Rockingham	11	62	1,107
Scott	3	9	185
Shenandoah	1	6	161
Southampton	6	143	1,773
Spotsylvania	1	4	75
Westmoreland	6	33	1,577
Wythe	1	8	436
Chesapeake	1	30	1,733
Virginia Beach	3	73	548
STATE TOTAL	199	2,295	\$ 58,457

RE4 Improving a Stand of Forest Trees

Alleghany	1	1	\$ 180
Augusta	6	190	3,294
Carroll	1	25	310
Charles City	1	4	40
Charlotte	2	14	217
Clarke	2	80	831
Dinwiddie	1	34	281
Floyd	2	4	108
Franklin	2	3	137
Frederick	1	98	956
Giles	2	21	578
Gloucester	3	28	393

SUMMARY OF ACP PRACTICES BY COUNTIES
REGULAR AND LONG-TERM AGREEMENTS

County	Farms	Acres	Cost-Share Earned
Grayson	1	30	\$ 372
Greene	2	12	316
Henry	1	5	62
Highland	1	25	233
James City	1	35	525
Lancaster	1	4	47
Loudoun	2	30	543
Lunenburg	3	52	67
Madison	2	9	124
Montgomery	2	76	1,044
Patrick	1	2	1
Pittsylvania	2	21	275
Pulaski	1	42	553
Rappahannock	1	10	163
Roanoke	1	5	75
Rockbridge	1	10	204
Rockingham	1	7	162
Wise	3	14	215
STATE TOTALS	51	891	\$ 12,306

RE5 Water Impoundment Reservoirs

County	Farms	Acres Served	Cost-Share Earned
Accomack	4	27	\$ 2,000
Albemarle	1	20	250
Alleghany	1	85	1,067
Amelia	8	72	2,431
Amherst	1	50	100
Augusta	2	30	1,245
Bath	1	32	312
Bedford	3	70	3,500
Bland	2	77	265
Botetourt	2	85	426
Brunswick	23	915	18,699
Buchanan	3	31	3,595
Campbell	1	20	337
Caroline	2	3	2,296
Charlotte	6	72	4,100
Chesterfield	3	26	1,400
Clarke	2	60	1,841
Craig	2	42	619
Cumberland	2	19	400

SUMMARY OF ACP PRACTICES BY COUNTIES
REGULAR AND LONG-TERM AGREEMENTS

County	Farms	Acres Served	Cost-Share Earned
RE5 Water Impoundment Reservoirs - Continued			
Dickenson	4	25	\$ 2,200
Dinwiddie	12	538	13,041
Essex	1	5	2,000
Fauquier	1	30	250
Frederick	5	184	2,335
Giles	1	100	600
Goochland	1	12	226
Greensville	3	14	3,198
Halifax	14	422	12,020
Henry	4	46	6,600
Isle of Wight	2	4	1,700
King and Queen	1	8	938
Lee	1	40	120
Louisa	3	108	2,448
Lunenburg	2	40	10
Mecklenburg	14	269	12,655
Middlesex	1	20	500
Northampton	1	100	2,500
Nottoway	3	95	1,475
Page	13	218	3,669
Patrick	7	114	4,532
Pittsylvania	14	359	27,345
Powhatan	2	29	728
Prince George	1	5	900
Rappahannock	1	50	500
Rockingham	6	232	2,403
Russell	6	222	3,100
Scott	3	100	1,094
Shenandoah	3	83	637
Smyth	1	10	280
Southampton	3	80	2,106
Spotsylvania	2	107	1,000
Washington	4	65	429
Wise	3	21	923
Wythe	4	85	805
STATE TOTALS	216	5,576	\$ 160,150

SUMMARY OF ACP PRACTICES BY COUNTIES
REGULAR AND LONG-TERM AGREEMENTS

County	Farms	Acres	Cost-Share Earned
	RE6	Stripcropping	
Amelia	1	29	\$ 200
Amherst	1	8	67
Appomattox	3	35	183
Bedford	1	13	88
Bland	2	13	117
Campbell	1	28	148
Charlotte	1	15	119
Franklin	1	14	140
Lunenburg	1	18	1
Nelson	1	7	54
Nottoway	2	80	838
Prince Edward	6	109	995

STATE TOTALS	21	369	\$ 2,950
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County	Farms	Acres Served	Cost-Share Earned
	RE8	Diversions	
Buckingham	1	16	\$ 678
Campbell	1	12	225
Franklin	3	26	788
Greensville	2	9	694
Loudoun	4	16	1,010
Patrick	4	18	520
Shenandoah	1	1	63

STATE TOTALS	16	98	\$ 3,978
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	RE10	Permanent Wildlife Habitat	
Cumberland	1	1	\$ 15
Nottoway	1	30	83
Roanoke	2	2	70
STATE TOTALS	4	33	\$ 168

SUMMARY OF ACP PRACTICES BY COUNTIES
REGULAR AND LONG-TERM AGREEMENTS

County	Farms	Acres Served	Cost-Share Earned
RE11 Sediment Retention, Erosion, Water Control Structure			
Isle of Wight	3	6	\$ 1,000
Loudoun	1	3	496
Northumberland	1	5	950
STATE TOTALS	5	14	\$ 2,446
RE12 Sediment, Chemical or Water Runoff Control Measures			
Amelia	1	65	\$ 750
Amherst	2	7	448
Bedford	7	40	3,259
Botetourt	1	30	1,069
Brunswick	5	40	1,304
Campbell	8	78	1,497
Charlotte	14	99	2,036
Cumberland	2	12	457
Essex	1	8	84
Franklin	15	77	3,371
Gloucester	3	21	3,462
Greensville	11	69	4,698
Halifax	16	226	6,677
Henry	3	16	780
Isle of Wight	1	1	114
Lunenburg	21	311	1,608
Madison	1	5	806
Mecklenburg	18	164	3,268
Middlesex	1	3	194
Northumberland	1	1	121
Patrick	5	57	397
Pittsylvania	11	88	3,291
Powhatan	1	8	200
Prince Edward	9	37	1,745
Rockingham	2	7	392
Scott	2	3	300
Washington	1	1	25
Westmoreland	3	4	680
STATE TOTALS	166	1,478	\$ 43,033

SUMMARY OF ACP PRACTICES BY COUNTIES
REGULAR AND LONG-TERM AGREEMENTS

County	Farms	Acres	Cost-Share Earned
SA4 Application of Lime or Other Eligible Minerals			
Albemarle	40	754	\$ 7,118
Alleghany	2	18	261
Amelia	8	169	1,649
Amherst	22	363	4,627
Appomattox	22	265	2,665
Augusta	19	263	2,300
Bath	4	89	808
Bedford	8	125	1,352
Bland	1	12	135
Botetourt	3	36	359
Brunswick	1	10	200
Buckingham	34	379	6,463
Campbell	19	284	3,590
Caroline	13	333	4,992
Carroll	6	117	766
Charles City	2	93	850
Charlotte	11	128	2,178
Chesterfield	4	38	655
Clarke	22	693	5,547
Craig	4	30	511
Culpeper	26	401	5,304
Cumberland	28	372	5,419
Dickenson	6	61	595
Essex	2	52	497
Fairfax	4	63	780
Fauquier	24	475	6,123
Floyd	9	81	856
Fluvanna	13	136	1,684
Frederick	9	190	1,429
Giles	2	13	139
Gloucester	1	16	400
Goochland	22	481	6,638
Grayson	11	180	1,630
Greene	12	156	1,786
Hanover	19	469	5,572
Henrico	1	38	461
Highland	8	71	933
James City	4	59	669
King and Queen	10	170	952

SUMMARY OF ACP PRACTICES BY COUNTIES
REGULAR AND LONG-TERM AGREEMENTS

County	Farms	Acres	Cost-Share Earned
SA4 Application of Lime or Other Eligible Minerals - Continued			
King George	6	127	\$ 1,490
King William	5	123	19
Lancaster	2	72	1,043
Lee	11	72	697
Loudoun	42	1,345	12,859
Louisa	45	580	8,625
Lunenburg	4	51	655
Madison	30	418	5,233
Middlesex	12	203	2,806
Montgomery	1	10	96
Nelson	22	503	5,616
New Kent	1	44	352
Nottoway	7	126	1,234
Orange	39	595	7,447
Page	38	615	4,266
Patrick	3	30	177
Powhatan	6	41	522
Prince Edward	55	524	7,197
Prince William	8	186	2,660
Pulaski	6	118	887
Rappahannock	15	283	3,039
Roanoke	1	53	656
Rockbridge	16	224	2,433
Rockingham	15	255	1,820
Russell	5	26	236
Scott	4	30	289
Shenandoah	11	154	1,419
Smyth	28	239	2,377
Spotsylvania	10	187	2,154
Stafford	7	108	1,480
Tazewell	10	133	1,404
Warren	11	248	3,016
Washington	6	70	852
Wise	2	12	137
Wythe	4	66	701
York	1	1	30
Chesapeake	4	33	71
Virginia Beach	2	27	240
STATE TOTALS	951	15,615	\$ 175,128

SUMMARY OF ACP PRACTICES BY COUNTIES
REGULAR AND LONG-TERM AGREEMENTS

County	Farms	Acres Served	Cost-Share Earned
SB5 Livestock Water Facilities			
Albemarle	1	20	\$ 200
Appomattox	1	45	140
Bath	1	20	195
Bedford	3	40	455
Botetourt	2	48	500
Campbell	1	20	500
Carroll	1	40	200
Clarke	2	132	1,794
Craig	2	62	742
Cumberland	1	15	414
Fauquier	3	200	750
Floyd	1	12	200
Frederick	3	56	964
Giles	2	75	635
Grayson	1	40	200
Greene	3	85	700
Highland	1	80	260
King and Queen	1	10	175
Lee	6	145	1,532
Loudoun	2	50	694
Louisa	2	80	850
Madison	2	55	700
Montgomery	2	43	741
Orange	4	98	969
Page	1	40	128
Prince Edward	1	16	281
Pulaski	2	75	357
Rappahannock	2	23	345
Roanoke	1	50	164
Rockingham	6	137	1,152
Russell	5	106	2,681
Scott	1	9	150
Shenandoah	3	64	609
Smyth	6	103	673
Tazewell	6	252	1,220
Wise	1	5	300
Wythe	1	10	63
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STATE TOTALS	85	2,361	\$ 22,633

SUMMARY OF ACP PRACTICES BY COUNTIES
REGULAR AND LONG-TERM AGREEMENTS

County	Farms	Acres	Cost-Share Earned
SB12 Controlling Noxious Weeds			
Amelia	1	22	\$ 217
Augusta	109	2,680	10,269
Buckingham	2	24	261
Cumberland	1	4	60
Essex	1	33	302
Northumberland	4	21	610
Nottoway	3	90	1,234
Page	46	1,632	5,470
Smyth	16	551	1,330
Southampton	5	58	342
Warren	4	158	570
Westmoreland	1	9	149
STATE TOTALS	193	5,282	\$ 20,814

County	Farms	Acres Served	Cost-Share Earned
SC9 Permanent Open Drainage Systems			
Accomack	8	287	\$ 7,502
Appomattox	1	4	100
Botetourt	3	82	667
Buchanan	1	2	300
Charles City	1	30	2,500
Craig	1	5	195
Culpeper	1	3	300
Cumberland	2	31	400
Essex	1	3	2,322
Fauquier	4	486	1,250
Fluvanna	1	22	300
Gloucester	1	5	265
Grayson	1	4	259
Greene	1	15	100
King George	1	20	500
Madison	2	7	600
Mathews	1	3	48
New Kent	1	21	2,471
Northumberland	1	1	600
Orange	1	17	400
Pittsylvania	3	11	824
Prince Edward	2	8	163

SUMMARY OF ACP PRACTICES BY COUNTIES
REGULAR AND LONG-TERM AGREEMENTS

County	Farms	Acres Served	Cost-Share Earned
SC9 Permanent Open Drainage Systems - Continued			
Roanoke	2	25	\$ 1,370
Rockbridge	1	5	244
Southampton	3	257	1,692
Westmoreland	2	17	1,725
Wise	1	2	81
Chesapeake	29	1,514	5,647
Virginia Beach	19	1,537	8,330
STATE TOTALS	96	4,424	\$ 41,155

SC10 Underground Drainage Systems

Accomack	3	32	\$ 3,785
Albemarle	3	5	694
Alleghany	1	10	200
Amelia	5	23	1,676
Amherst	8	21	1,736
Appomattox	1	3	100
Bedford	6	35	1,194
Bland	3	13	713
Buchanan	1	2	210
Buckingham	1	2	90
Campbell	3	12	418
Caroline	3	18	2,303
Carroll	1	4	200
Charles City	1	11	939
Charlotte	2	5	463
Chesterfield	1	6	900
Culpeper	7	23	1,631
Dickenson	1	3	600
Dinwiddie	12	151	10,681
Essex	5	16	3,951
Fauquier	7	364	2,696
Franklin	20	119	10,754
Gloucester	4	29	6,188
Goochland	2	8	340
Grayson	4	16	862
Greene	2	100	600
Greensville	8	46	6,638
Hanover	1	2	150
Henrico	3	45	2,935
Highland	2	6	470
Isle of Wight	29	240	20,996

SUMMARY OF ACP PRACTICES BY COUNTIES
REGULAR AND LONG-TERM AGREEMENTS

County	Farms	Acres Served	Cost-Share Earned
SC10 Underground Drainage Systems - Continued			
James City	1	2	\$ 655
King and Queen	3	12	425
King George	2	27	1,000
King William	5	30	8,922
Lancaster	1	3	718
Lee	1	69	372
Loudoun	15	63	9,449
Louisa	1	2	274
Lunenburg	1	10	132
Madison	7	19	1,577
Mathews	7	31	5,140
Middlesex	4	32	4,541
Nelson	1	1	99
New Kent	1	3	900
Northampton	1	3	339
Northumberland	12	30	4,382
Page	1	6	216
Patrick	6	51	560
Pittsylvania	4	12	1,625
Powhatan	4	19	761
Prince Edward	8	22	1,357
Prince George	7	79	8,850
Pulaski	1	19	250
Rappahannock	5	13	969
Richmond	14	69	13,677
Rockingham	2	30	1,160
Russell	3	7	989
Scott	8	17	1,737
Smyth	6	16	1,625
Southampton	47	478	30,961
Spotsylvania	2	12	900
Surry	18	172	10,448
Sussex	30	250	24,987
Tazewell	2	7	287
Warren	1	10	450
Washington	5	6	571
Westmoreland	4	159	8,305
Wythe	2	9	375
Suffolk	49	258	21,065
STATE TOTALS	443	3,428	\$ 256,163

SUMMARY OF ACP PRACTICES BY COUNTIES
REGULAR AND LONG-TERM AGREEMENTS

County	Farms		Acres	Cost-Share Earned
	SD1	Interim Cover		
Amelia	13		186	\$ 1,032
Bedford	1		33	452
Brunswick	33		370	2,481
Buchanan	14		45	358
Caroline	2		28	168
Carroll	4		59	455
Charles City	4		158	1,241
Chesterfield	17		265	1,688
Craig	1		31	188
Dickenson	9		19	32
Dinwiddie	33		771	3,760
Essex	6		202	1,811
Floyd	2		16	114
Gloucester	18		538	6,793
Grayson	21		269	1,742
Halifax	41		442	2,304
Henry	3		16	83
Isle of Wight	47		573	14,550
James City	6		134	1,022
King and Queen	27	1,488		7,681
King George	2		36	302
King William	14		643	2,942
Lancaster	40		755	13,270
Lee	15		86	471
Lunenburg	38		537	3,628
Mathews	2		18	128
Middlesex	15		465	3,162
Nelson	2		22	129
New Kent	2		71	699
Nottoway	6		49	348
Powhatan	2		25	142
Prince George	23		398	2,679
Russell	13		183	1,056
Scott	66		148	13,007
Smyth	40		372	2,061
Southampton	31		534	2,937
Surry	1		13	86
Sussex	51	1,584		5,161
Tazewell	17		248	1,263
Washington	89	1,184		10,154
Westmoreland	18		246	4,679
York	1		6	61
Chesapeake	3		71	172

SUMMARY OF ACP PRACTICES BY COUNTIES
REGULAR AND LONG-TERM AGREEMENTS

County	Farms	Acres	Cost-Share Earned
	SD1 Interim Cover		
Suffolk	17	513	\$ 2,311
Virginia Beach	1	89	360
STATE TOTALS	811	13,939	\$ 119,163

County	Farms	Number	Cost-Share Earned
SI Animal Waste Storage and Diversion Facilities			
Amelia	4	4	\$ 1,425
Bedford	2	2	2,500
Brunswick	2	2	1,118
Buckingham	3	3	986
Clarke	1	1	2,500
Culpeper	1	1	1,000
Dinwiddie	1	1	2,500
Frederick	1	1	2,085
Greensville	3	3	3,250
Isle of Wight	2	2	1,500
Loudoun	1	1	431
Louisa	1	1	784
Lunenburg	1	1	4
Madison	1	1	350
Montgomery	1	1	1,500
Nottoway	1	1	503
Pulaski	1	1	1,000
Rockingham	2	2	3,000
Russell	1	1	2,000
Southampton	1	1	600
Washington	4	4	4,900
Westmoreland	2	2	3,500
STATE TOTALS	37	37	\$ 37,436

SECTION IV

THE APPALACHIAN LAND STABILIZATION AND CONSERVATION PROGRAM

Section 203 of the Appalachian Regional Development Act provides funds for the conservation and stabilization of soil, water, forest, wildlife, and recreation resources in the Appalachian area. The plan for the implementation of this program in Virginia was developed in the Governor's office in cooperation with the United States Department of Agriculture and the Appalachian Regional Commission. Local county ASC committees administered the program at the county level.

Devised to contribute to the over-all economic improvement and social growth of the area, the program authorized funds on a cost-share basis to farmers for practices that would conserve and develop on-farm natural resources. Funds were approved on a three to ten year contract basis allowing one or more years for the completion of the practices. To guide county committees in making approvals, comprehensive farm conservation plans were made with the technical assistance of the Soil Conservation Service and the Virginia Division of Forestry. In allocating funds to individual farmers, county committees considered both financial need and economic potential, as well as conservation requirements for the unit.

All ALSCP contracts expired as of December 31, 1977. However, some practices still have a maintenance lifespan.

ALSCP CONTRACTS 1966-1977

APPROVED CONTRACTS				
County	Allocation	All Practices Performed		Cost-Share Earned
		Number	Acres	
Bland	\$ 71,742	82	2,929	\$ 71,742
Buchanan	36,850	43	1,158	36,850
Dickenson	57,100	68	1,669	57,100
Giles	11,745	14	574	11,745
Lee	107,726	159	4,057	107,726
Pulaski	63,609	69	2,789	63,609
Russell	220,594	210	8,845	212,224
Scott	250,085	113	3,274	250,085
Tazewell	221,210	262	9,893	221,210
Wise	29,277	36	916	29,277
STATE TOTALS	\$1,069,938	1,056	36,104	\$1,061,568

SECTION V

THE FORESTRY INCENTIVES PROGRAM

The Forestry Incentives Program (FIP) was authorized by Congress in 1973 to share the cost of tree planting and timber stand improvement with private landowners. FIP is a separately funded program. It is not a conservation program as such, but is designed for the specific purpose of increasing future supply of saw timber and veneer logs. Although production is the main purpose of FIP, we must also recognize its importance in providing recreation, wildlife food and shelter, watersheds, open space, preventing noise pollution, releasing oxygen; and above all, beautification of the countryside.

The demand for wood in this country is expected to exceed the supply within 30 years unless many more trees are planted each year and much more forest land is placed under good forest management. Lands owned by the forest industry and by the public are being planted and improved at the fastest rate possible. Small, private owners, who control the majority of forest lands in the Nation, do not have the funds to make long-term investments. Therefore, the Forestry Incentives Program is designed to share this expense with these private, eligible owners. The program has encouraged landowners to apply practices which provide for the afforestation of suitable open lands and reforestation of cutover and other nonstocked and understocked forest land, intensive multiple-purpose management and protection of forest resources so as to provide for timber production and related benefits.

Commercially owned private forest land in Virginia is 15,809,300 acres, of which 216,200 is unproductive and needs treatment. In 1977 FIP was available in 53 counties designated on the basis of a survey of total eligible private timber acreage and acreage potentially suitable for production of timber products. Forest management plans are required as a condition for cost-sharing. Such plans are developed by a representative of the Virginia Division of Forestry in consultation with the landowner. The participant is required to perform those measures in the plan which are essential to the effectiveness of the practices for which costs are shared.

This program has accelerated and made possible the carrying out of needed forestry measures in rural America. The impact on the environment has been beneficial. The stimulus of this program has set in motion total direct investments in forest management practices by private landowners, amounting to about one-third the Federal funds expended in cost-sharing assistance.

FIP first became operative in 1974. Statistics available cover performance of practices beginning with the 1974 FIP through September 30, 1977. This information should give a good indication of prospective future operations of the program.

FORESTRY INCENTIVES PROGRAM

1974 - September 30, 1977

FPI - Planting Trees

<u>County</u>	<u>No. Farms</u>	<u>Acres</u>	<u>Cost-Share Earned</u>
Accomack	17	457	\$ 19,295
Albemarle	13	273	6,688
Amelia	22	813	32,304
Amherst	6	101	5,831
Appomattox	16	386	17,262
Bedford	25	440	16,244
Brunswick	55	2,045	85,196
Buckingham	37	880	31,817
Campbell	27	544	18,919
Caroline	40	2,016	45,152
Charles City	19	460	15,433
Charlotte	32	692	30,234
Chesapeake	4	90	3,722
Chesterfield	19	658	23,246
Cumberland	25	695	17,225
Dinwiddie	41	1,464	67,081
Essex	30	1,230	34,766
Fluvanna	23	819	37,416
Franklin	17	334	11,919
Gloucester	24	1,288	33,008
Goochland	30	1,007	53,091
Greensville	34	1,142	43,368
Halifax	44	1,211	38,804
Hanover	33	977	26,725
Henrico	13	308	10,099
Henry	4	159	4,193
Isle of Wight	26	741	28,049
King & Queen	58	2,142	52,636
King William	28	1,016	42,587
Lancaster	13	338	13,276
Louisa	3	52	2,920
Lunenburg	69	3,250	127,669
Mathews	12	267	9,999
Mecklenburg	20	591	19,565
Middlesex	19	749	16,668
Nelson	16	411	18,441
New Kent	20	1,122	38,437
Northampton	6	161	3,076
Northumberland	40	798	30,577
Nottoway	33	1,572	52,803
Orange	4	103	4,052
Patrick	5	68	2,800

FORESTRY INCENTIVES PROGRAM

1974 - September 30, 1977

FPI - Planting Trees (Continued)

<u>County</u>	<u>No. Farms</u>	<u>Acres</u>	<u>Cost-Share Earned</u>
Pittsylvania	36	820	\$ 28,413
Powhatan	9	299	18,408
Prince Edward	38	699	17,172
Prince George	8	400	12,746
Richmond	34	691	28,452
Southampton	51	1,758	97,381
Spotsylvania	2	46	1,342
Suffolk	52	2,011	71,980
Surry	26	1,631	71,311
Sussex	39	3,134	121,024
Westmoreland	24	638	27,857
STATE TOTALS	1,341	45,997	\$1,688,679

FP2 - Improving a Stand of Forest Trees

<u>County</u>	<u>No. Farms</u>	<u>Acres</u>	<u>Cost-Share Earned</u>
Accomack	5	212	\$ 2,229
Albemarle	4	139	1,756
Amelia	6	389	4,427
Bedford	9	475	3,163
Brunswick	11	923	10,690
Buckingham	3	112	1,337
Campbell	5	84	945
Caroline	11	659	7,079
Charles City	4	192	1,960
Charlotte	3	156	2,164
Chesterfield	1	20	270
Cumberland	2	32	415
Dinwiddie	13	687	6,674
Essex	13	542	6,534
Fluvanna	5	247	3,166
Franklin	4	215	2,462
Gloucester	9	346	4,286
Goochland	1	17	119
Greensville	1	28	336
Halifax	3	70	787
Hanover	3	148	1,776
Henrico	3	51	650
Henry	3	113	1,406
Isle of Wight	6	145	1,664

FORESTRY INCENTIVES PROGRAM

1974 - September 30, 1977

FP2 - Improving a Stand of Forest Trees (Continued)

<u>County</u>	<u>No. Farms</u>	<u>Acres</u>	<u>Cost-Share Earned</u>
King & Queen	29	1,649	\$ 20,561
King William	11	427	5,310
Lancaster	4	123	1,172
Lunenburg	16	560	6,959
Mecklenburg	3	119	1,273
Middlesex	8	348	4,092
New Kent	9	609	6,624
Northumberland	9	406	5,366
Nottoway	10	304	3,771
Orange	3	57	791
Patrick	12	343	4,120
Pittsylvania	2	47	623
Powhatan	2	68	765
Prince Edward	13	386	4,166
Prince George	2	86	1,050
Richmond	14	329	3,435
Spotsylvania	2	370	4,045
Suffolk	11	339	3,692
Surry	5	394	4,728
Sussex	10	615	8,719
Westmoreland	8	549	6,949
STATE TOTALS	311	14,130	\$ 164,506

SECTION VI

PRODUCTION ADJUSTMENT PROGRAMS

Acreage allotments, marketing quotas, acreage set-aside and price support payments are the several methods used by ASCS for production adjustment. Acreage allotments and marketing quotas are authorized for cotton, peanuts, rice, tobacco, and wheat by the Agricultural Adjustment Act of 1938, as amended.

The Agriculture and Consumer Protection Act of 1973, a four year program designed to attract the farm production needed to meet domestic and foreign demand for food and fiber, originates the concept of guaranteed or "target" prices and deficiency payments for the three commodities -- wheat, feed grain, and upland cotton.

These programs were authorized by Congress in an effort to keep production of specific commodities in line with overall demand, and at the same time, provide reasonable income assurance to growers. In general, the programs are designed to adjust production by the amount of acreage produced. Participation in the cotton, feed grain, and wheat programs is voluntary by individual growers. For peanuts and tobacco, compliance with allotments and/or quotas is required by all growers to avoid marketing quota penalties after approval of these programs by a two-thirds majority of growers voting in a referendum for the particular commodity.

Under the Act of 1973, marketing quotas and penalties are suspended for the 1974-1977 crop years for wheat and cotton. The Act also established a \$20,000 limit on the amount of payments that a person could receive annually under each program.

Acreage allotments, through apportioning to the individual farms a national acreage considered desirable for planting to a field crop, provide a means of adjusting particular crop supplies closer to national needs. If acreage allotments alone are in effect, farmers who produce the commodity on acreage in excess of their farm acreage allotment are not subject to penalties on the "excess" production of the commodity, but they usually are not eligible for price support.

Marketing quotas are a means of regulating the production and marketing of commodities when supplies become excessive. A national marketing quota is the quantity of a particular commodity that in general will provide adequate and normal supply. This quantity is translated into terms of acreage. The national acreage allotment is apportioned among states, counties and individual farms.

After proclamation of a national marketing quota by the Secretary, quotas are in effect only when approved by a two-thirds majority voting in a referendum.

When quotas are in effect, all producers who are not covered by specified exemptions are subject to monetary penalties on marketings on their excess acreage if the acreage exceeds the farm allotment. Price support privileges are not usually extended to farms with plantings that exceed the allotted acreage. Under a tobacco acreage poundage program, in effect on flue-cured tobacco since 1965, poundage quotas as well as acreage allotments apply when the program is approved in a referendum by the producers. A poundage program is in effect for burley tobacco when approved in a referendum by producers. The Secretary may terminate or increase allotments or quotas as provided by law to meet a national emergency or a material increase in export demand.

Marketing quotas in Virginia applied to the 1977 crops of peanuts, and to burley, Virginia fire-cured, flue-cured, and Virginia sun-cured tobacco.

REFERENDUM RESULTS

The table below shows through 1977 how farmers in Virginia voted in the most recent referendums for commodities on which marketing quotas were voted on or in effect in Virginia during the 1977 crop year. The percentage of approval in Virginia, in most cases, was comparable to the national vote.

Commodity	Date of Referendum	Crop Years Covered	Total Votes Cast	Percentage of Approval
Tobacco:				
Burley (mail)	2-22 to 2-25-77	1977-78-79	14,635	98.5
Fire-cured (mail)	2-23 to 2-27-76	1976-77-78	2,810	95.1
Flue-cured	12-16-76	1977-78-79	13,566	99.0
Maryland (mail)	2-22 to 2-25-77	1977-78-79	24	62.5
Sun-cured (mail)	2-22 to 2-25-77	1977-78-79	403	95.8
Peanuts (mail)	12-12 to 12-15-77	1978-79-80	2,049	90.7

A PEANUT ALLOTMENTS AND MARKETING QUOTAS

County	Number Allot- ments <u>1/</u>	Allotted Acreage <u>1/</u>	Harvested Acreage <u>2/</u>	Total Produc- tion <u>2/</u>	Yield (Pounds Per Acre) <u>2/</u>
Brunswick	110	493.8	362.0	764,213	2,111
Charles City	1	25.0	25.0	79,086	3,163
Chesapeake	4	109.1	0	0	0
Chesterfield	6	34.0	18.2	30,326	1,666
Dinwiddie	391	3,878.1	3,776.6	8,456,961	2,239
Greensville	584	9,958.4	9,985.1	23,047,593	2,308
Isle of Wight	774	16,292.1	16,185.4	49,110,255	3,034
James City	2	85.7	79.3	246,113	3,104
Mecklenburg	8	24.2	0	0	0
New Kent	1	15.3	0	0	0
Northampton	4	137.1	135.6	276,495	2,039
Prince George	303	3,782.9	3,583.0	7,786,345	2,173
Southampton	1,127	31,240.8	31,237.1	98,226,577	3,145
Suffolk	873	14,696.1	14,654.9	40,505,746	2,764
Surry	432	8,651.3	8,581.6	26,112,872	3,043
Sussex	634	15,177.9	14,811.2	38,074,861	2,571
STATE TOTALS	5,254	104,731.4	103,435.2	292,717,443	2,830

1/ State Peanut Summary 1/13/77

2/ State Peanut Report 2/10/78

B TOBACCO ALLOTMENTS AND MARKETING QUOTAS

1 FIRE-CURED TOBACCO DATA

County	Number Allot- ments <u>1/</u>	Allotted Acreage <u>1/</u>	Harvested Acreage <u>2/</u>	Total Produc- tion <u>2/</u>	Yield (Pounds Per Acre) <u>2/</u>
Amelia	211	458.06	268.98	275,165	1,023
Amherst	296	418.14	142.68	155,039	1,087
Appomattox	571	1,411.71	648.33	660,717	1,019
Bedford	484	612.71	284.15	303,943	1,070
Brunswick	250	563.32	512.02	512,338	1,004
Buckingham	396	809.05	329.64	321,993	977
Campbell	561	1,173.60	829.39	846,804	1,022
Charlotte	563	1,592.15	1,358.33	1,221,411	899
Cumberland	312	942.57	326.18	336,860	1,033
Dinwiddie	206	313.91	224.72	251,007	1,119
Franklin	49	49.97	68.24	79,359	1,192
Halifax	18	43.25	324.31	336,557	997
Henry	1	3.93	1.36	2,489	1,830
Lunenburg	157	377.16	454.21	493,218	1,088
Mecklenburg	14	40.76	154.99	156,974	1,013
Nelson	225	370.42	102.15	116,693	1,142
Nottoway	193	428.70	247.97	257,072	1,037
Pittsylvania	43	88.60	350.21	355,627	1,015
Powhatan	12	14.55	11.69	12,971	1,110
Prince Edward	586	1,442.58	573.82	506,724	883
Rockbridge	2	4.28	0	0	0
STATE TOTALS	5,150	11,159.42	7,231.37	7,202,961	996

1/ County Allotment Summary 4/1/77

2/ Production Summary 4/11/78

2 BURLEY TOBACCO DATA

	Number Farms 1/	Effective Quota 1/	Total Marketings 2/
Albemarle	1	2,216	0
Amelia	1	953	1,048
Appomattox	39	47,611	34,925
Bedford	58	62,337	57,086
Bland	86	115,124	117,121
Brunswick	10	18,005	11,332
Buchanan	314	580,864	202,669
Buckingham	79	106,795	47,833
Campbell	23	28,302	23,363
Carroll	6	12,018	6,095
Charlotte	29	54,030	23,015
Cumberland	60	105,029	28,653
Dickenson	252	434,982	112,445
Dinwiddie	1	2,331	0
Floyd	115	200,088	77,973
Fluvanna	1	983	0
Franklin	2	5,795	1,151
Giles	5	10,108	6,030
Grayson	830	1,184,547	1,080,105
Halifax	3	1,634	5,150
Lee	3,053	5,472,004	4,848,412
Madison	1	1,820	1,908
Mecklenburg	5	5,173	4,009
Montgomery	41	89,567	26,467
Nottoway	1	2,084	1,762
Pittsylvania	2	2,624	2,210
Powhatan	3	3,720	2,600
Prince Edward	100	175,491	101,235
Pulaski	7	18,205	0
Russell	2,141	4,427,962	4,142,762
Scott	3,774	6,367,899	6,072,440
Smyth	1,380	2,085,410	1,756,564
Tazewell	234	380,810	172,396
Washington	3,919	6,991,805	6,341,281
Wise	155	226,059	84,901
Wythe	31	41,872	20,521
STATE TOTALS	16,762	29,536,257	25,415,462

1/ Final Quota Summary TP-22R 7/20/77

2/ Report of Producer Marketing PO-6R 3/21/78

3 FLUE-CURED TOBACCO DATA

County	Number Allot- ments <u>1/</u>	Allotted Acreage <u>1/</u>	Computed Quota (1000 lbs.) <u>1/</u>	Effective Quota (1000 lbs.) <u>1/</u>	Pounds Marketed (1000 lbs.) <u>2/</u>
Amelia	541	1,144.20	1,351	1,875	1,658
Appomattox	81	171.75	219	309	228
Bedford	102	192.37	235	318	238
Brunswick	1,700	4,259.80	7,122	7,400	7,509
Buckingham	5	11.07	6	12	0
Campbell	584	1,599.32	2,430	2,913	2,453
Carroll	29	61.55	49	96	52
Charlotte	1,171	3,161.38	4,605	5,189	5,177
Chesterfield	146	392.22	507	675	593
Cumberland	156	327.98	302	468	327
Dinwiddie	1,077	2,769.56	4,126	4,888	4,730
Franklin	1,087	2,456.07	3,818	4,488	4,328
Goochland	4	14.77	9	20	0
Greensville	322	678.33	1,116	1,141	1,143
Halifax	3,663	13,118.99	19,782	21,429	20,317
Hanover	4	7.30	4	8	4
Henry	579	1,404.88	1,472	2,197	1,911
Isle of Wight	6	14.58	9	19	0
Lunenburg	1,176	4,150.87	6,181	6,850	6,960
Mecklenburg	2,345	9,233.70	13,699	14,602	14,962
Nottoway	526	1,415.27	1,605	2,256	2,075
Patrick	996	2,367.14	2,889	3,987	3,663
Pittsylvania	3,882	15,998.71	25,807	28,366	27,584
Powhatan	43	110.02	95	155	126
Prince Edward	378	1,002.70	1,021	1,497	1,323
Prince George	52	171.70	145	260	182
Southampton	25	78.53	84	114	107
Suffolk	49	161.72	201	294	722
Sussex	179	412.41	662	751	251
STATE TOTALS	20,908	66,888.89	99,554	112,577	108,623

1/ Flue-cured Tobacco Final Allotment Summary TP-15R 6/29/77

2/ Report of Producer Marketings TP-14R 2/18/78

4 SUN-CURED TOBACCO DATA

County	Number Allot- ments <u>1/</u>	Allotted Acreage <u>1/</u>	Harvested Acreage <u>2/</u>	Total Produc- tion <u>2/</u>	Yield (Pounds Per Acre) <u>2/</u>
Amelia	99	158.76	64.85	55,057	849
Appomattox	7	6.56	2.06	1,229	597
Bedford	2	.36	0	0	0
Brunswick	4	2.14	.86	775	901
Buckingham	17	24.20	6.61	4,585	693
Campbell	5	4.08	2.77	3,301	1,192
Caroline	105	221.44	119.72	153,093	1,279
Charlotte	9	9.07	10.34	10,949	1,059
Chesterfield	4	9.18	4.65	6,339	1,363
Cumberland	58	74.38	27.68	20,531	742
Dinwiddie	7	8.01	7.95	9,546	1,201
Essex	4	8.21	7.16	8,797	1,229
Fluvanna	41	71.02	26.41	28,003	1,060
Franklin	15	10.58	7.97	6,962	874
Goochland	109	221.13	89.58	90,865	1,014
Hanover	76	144.52	73.36	65,878	898
King & Queen	33	41.62	8.75	6,674	763
King William	7	7.23	.67	704	1,051
Louisa	182	451.64	276.00	284,385	1,030
Lunenburg	2	11.05	18.55	25,761	1,389
Nelson	2	1.40	0	0	0
Nottoway	3	1.96	5.00	1,171	234
Pittsylvania	1	.55	.55	941	1,711
Powhatan	37	58.87	34.98	36,317	1,038
Prince Edward	24	19.84	2.52	2,609	1,035
STATE TOTALS	853	1,567.80	798.99	824,472	1,032

1/ County Allotment Summary 4/1/772/ Production Summary 4/11/78

5 MARYLAND TOBACCO DATA (Not Under Marketing Quotas)

County	Number Farms	Planted Acreage
Appomattox	3	1.60
Campbell	3	4.92
Charlotte	1	2.00
Lunenburg	4	13.50
STATE TOTALS	11	22.02

C THE AGRICULTURE AND CONSUMER PROTECTION ACT OF 1973

The Agriculture and Consumer Protection Act of 1973 brought about another concept in farm programs and established the procedure under which the cotton, feed grain, and wheat crops were handled for 1977.

Programs for wheat, feed grains, and upland cotton are designed to enable farmers to produce for the marketplace in order to meet the domestic and foreign demand for American agricultural commodities. At the same time, these programs protect income for farmers through assurance of partial relief, should prices drop drastically or a disaster prevent planting or destroy a crop.

Participation in all these programs is voluntary. Under the wheat and feed grain programs, full participation (eligibility for loans and target price and disaster payments) is open to all farmers who have allotments. Farmers who do not have allotments are eligible only for loans.

Under the upland cotton program, a producer must have an allotment to be eligible for loans, as well as for target price and disaster payments.

The Food and Agriculture Act of 1977, passed in the fall of 1977, approved certain retroactive provisions to increase the target price previously established and to allow low yield disaster payments to be computed under either Act with the producer receiving the advantage of the higher computed payment.

In 1977, the average market price throughout the Nation was above the target level for corn and cotton; therefore, there was no deficiency payment for these crops. The average market price was less than the target price for barley, grain sorghum, and wheat, and a deficiency payment was made on these crops. In Virginia, 19,606 applications were also filed for disaster credit under the low yield provisions; of this number 17,015 have been determined eligible for payment.

The statistical data concerning the cotton, feed grain and wheat program are provided on the following tables. Greenville was the only county in which low yield applications were filed for cotton, and eight (8) applications have been approved for \$41,003.

1 COTTON

County	Number Allotments	Total Allotted Acreage	Farms Planting	Acres Planted
Brunswick	615	1155.0	5	55.0
Charlotte	3	2.8		
Dinwiddie	55	112.2		
Greenville	571	2830.9	12	845.8
Isle of Wight	48	175.3		
Lunenburg	62	115.7		
Mecklenburg	502	1080.9		
Prince Edward	2	2.0		
Prince George	15	21.9		
Southampton	579	2925.9	1	51.8
Suffolk	289	863.9		
Surry	2	2.7		
Sussex	314	1019.6		
STATE TOTALS	3,057	10,308.6	18	952.6

2 FARMS EARNING LOW YIELD PAYMENT UNDER DISASTER PAYMENT PROGRAM

County	CORN		GRAIN SORGHUM		BARLEY		WHEAT	
	No. Farms	Pay-ment	No. Farms	Pay-ment	No. Farms	Pay-ment	No. Farms	Pay-ment
Accomack	129	\$ 175,968		\$	8	\$ 1,868	9	\$ 2,890
Albemarle	99	139,107			8	3,153	6	1,440
Alleghany	7	1,242						
Amelia	263	168,312	60	20,206	65	30,090	57	15,972
Amherst	94	55,521	6	4,535			1	280
Appomattox	270	120,233	2	1,118	11	1,767	32	6,844
Augusta	650	672,754	3	396	83	17,789	57	19,430
Bedford	322	208,311	4	1,107	44	8,503	31	8,508
Botetourt	60	42,881	2	374				
Brunswick	465	258,111	68	20,849	11	4,578	22	8,877
Buckingham	226	111,824	13	5,028	23	3,568	40	8,452
Campbell	350	177,202	21	6,961	41	13,825	130	31,400
Caroline	259	191,416	2	3,462	19	7,268	26	10,370
Carroll	18	4,020						
Charles City	69	148,521			3	1,446		
Charlotte	221	128,421	15	6,861	14	5,297	62	17,908
Chesapeake	33	40,097						
Chesterfield	64	34,709	6	1,416			4	1,254
Clarke	103	108,096	2	435	6	924	13	5,022
Craig	30	9,517	1	517	1	78		
Culpeper	110	161,358					3	1,788
Cumberland	157	96,987	25	5,557	10	3,428	29	6,926
Dinwiddie	371	208,037	13	2,868			8	2,026
Essex	408	354,489			23	7,034	24	8,042
Fairfax	1	523						
Fauquier	241	319,539			1	37	7	2,928
Fluvanna	78	25,902	2	351	8	1,409	12	1,972
Franklin	317	307,882	3	2,226	6	1,344	4	285
Frederick	182	134,256			21	3,426	20	6,347
Gloucester	161	158,371						
Goochland	119	95,428			32	16,435	29	7,121
Greene	135	87,087	1	74			7	1,875
Greensville	326	198,863	5	1,299	5	825		
Halifax	765	271,382	32	4,926	14	1,189	110	17,797
Hanover	357	317,165			32	15,727	23	12,816
Henrico	57	76,562			7	3,682	3	572
Henry	52	23,704	2	383			2	708
Highland	4	757					2	871
Isle of Wight	103	98,494						
James City	71	74,516					1	1,296
King & Queen	316	205,927			19	5,908	21	4,863
King George	77	106,756			3	4,299	8	4,461
King William	192	300,756			14	8,235	11	6,974

2 FARMS EARNING LOW YIELD PAYMENT UNDER DISASTER PAYMENT PROGRAM - Cont'd

County	CORN		GRAIN SORGHUM		BARLEY		WHEAT	
	No. Farms	Pay-ment	No. Farms	Pay-ment	No. Farms	Pay-ment	No. Farms	Pay-ment
Lancaster	322	\$ 179,324	3	\$ 99	32	\$ 6,842	7	\$ 834
Loudoun	5	5,488			1	691	25	12,829
Louisa	259	153,962			15	1,650	32	5,290
Lunenburg	221	97,233	20	4,829	23	8,842	47	11,543
Madison	175	249,286			4	1,000	1	287
Mathews	200	53,335			1	266	16	2,665
Mecklenburg	579	186,581	56	12,959	16	8,889	137	29,416
Middlesex	220	201,355			5	1,028	13	3,696
Montgomery	5	2,665						
Nelson	69	36,074						
New Kent	70	111,455			5	2,431	1	973
Newport News	1	1,242						
Northampton	19	25,225						
Northumberland	279	173,409			21	4,907	11	3,252
Nottoway	189	105,547	22	5,280	47	12,100	13	3,156
Orange	318	478,792			11	1,671	8	4,000
Page	269	177,736			40	5,373	35	12,047
Patrick	180	53,174					1	196
Pittsylvania	534	208,273	82	25,066	12	1,904	138	33,983
Powhatan	104	127,299	30	12,560	13	10,434	13	5,422
Prince Edward	251	122,945	33	8,202	51	12,443	78	15,776
Prince George	198	148,998	1	730	1	168		
Prince William	105	101,420					4	1,480
Pulaski	2	2,476						
Rappahannock	25	5,259			1	620	1	140
Richmond	446	366,882			17	3,324	23	5,457
Roanoke	30	11,007	1	255				
Rockbridge	148	75,654			3	489	2	785
Rockingham	666	618,044	3	728	15	3,995	8	2,622
Shenandoah	437	346,859			33	3,392	4	1,137
Southampton	148	125,981	4	5,046				
Spotsylvania	283	240,464			15	3,628	29	4,416
Stafford	54	56,009	4	858	4	702	4	1,017
Suffolk	135	158,752						
Surry	30	21,252						
Sussex	283	295,028	5	1,668				
Virginia Beach	29	34,936						
Warren	75	46,390	4	1,228	6	1,117	7	1,424
Washington	3	382						
Westmoreland	81	53,047			33	17,352	49	16,352
Wythe	2	152						
York	11	13,324						
STATE TOTALS	15,192	\$11,893,720	556	\$170,018	957	\$288,312	1,521	\$408,510

3 FARMS EARNING DEFICIENCY PAYMENT

County	<u>WHEAT</u>		<u>BARLEY</u>		<u>GRAIN SORGHUM</u>	
	No. Farms	Payment	No. Farms	Payment	No. Farms	Payment
Accomack	51	\$ 13,119	12	\$ 4,646		\$
Albemarle	43	5,922	7	838		
Alleghany	17	702				
Amelia	647	78,679	113	22,135	2	133
Amherst	76	6,699	1	897		
Appomattox	501	61,948	18	1,600		
Augusta	428	94,055	142	29,491		
Bath	9	640				
Bedford	461	55,612	49	4,830		
Bland	94	4,689				
Botetourt	99	7,760	12	2,166		
Brunswick	1,001	75,006	31	3,310	10	656
Buchanan	1	17				
Buckingham	500	65,511	24	2,709		
Campbell	701	107,096	25	1,460	2	91
Caroline	232	70,855	32	8,886		
Carroll	22	913				
Charles City	45	78,866	7	4,918		
Charlotte	738	97,879	26	2,078	2	233
Chesapeake	196	37,980	1	895		
Chesterfield	130	10,919	4	769	2	181
Clarke	113	20,639	8	3,829		
Craig	60	1,266				
Culpeper	135	15,010	28	17,460		
Cumberland	362	40,125	10	1,863	4	635
Dinwiddie	476	56,117	15	2,260	8	267
Essex	284	143,736	32	14,278		
Fairfax	23	2,896	2	321		
Fauquier	244	27,328	18	5,588		
Floyd	115	2,687	1	22		
Fluvanna	113	7,523	2	215		
Franklin	585	49,949	25	1,819		
Frederick	157	26,754	25	5,684		
Giles	23	881				
Gloucester	52	10,428	9	2,889		
Goochland	144	12,794	13	9,144		
Grayson	45	908				
Greene	57	4,295	1	300		
Greensville	129	6,558				
Halifax	1,967	201,472	67	3,543	6	68
Hanover	374	75,824	75	22,097		
Henrico	62	22,831	12	14,888		
Henry	147	10,107	4	568	1	10
Highland	19	764				

3 FARMS EARNING DEFICIENCY PAYMENT - Cont'd

County	No. Farms	Payment	No. Farms	Payment	No. Farms	Payment
Isle of Wight	73	\$ 6,879	3	\$ 1,038	2	\$ 83
James City	31	10,240	10	6,276		
King & Queen	184	46,272	21	6,695		
King George	126	33,392	18	7,205		
King William	119	52,680	21	7,900		
Lancaster	111	22,617	41	5,426		
Lee	146	7,386	1	23		
Loudoun	327	77,415	27	9,418		
Louisa	290	26,570	21	2,993	1	20
Lunenburg	620	49,498	42	2,969	5	138
Madison	154	16,292	15	3,849		
Mathews	40	2,733	5	383		
Mecklenburg	1,558	130,601	57	6,540	19	903
Middlesex	175	34,215	13	4,440		
Montgomery	99	4,319	4	1,395	1	46
Nelson	61	4,180	1	151		
New Kent	46	25,630	9	4,424		
Northampton	20	6,057	12	5,037		
Northumberland	383	122,601	83	10,313		
Nottoway	425	35,433	93	12,164	13	1,182
Orange	163	15,328	20	4,055		
Page	167	28,694	70	13,678		
Patrick	192	6,946	1	18		
Pittsylvania	2,552	259,672	70	4,959	14	745
Powhatan	84	5,621	22	2,984	1	5
Prince Edward	665	81,802	51	5,828	3	229
Prince George	141	31,364	7	1,987	1	196
Prince William	82	9,564	8	1,797		
Pulaski	51	3,225	4	721		
Rappahannock	42	5,435				
Richmond	274	87,197	39	3,705		
Roanoke	21	4,385	2	517	1	42
Rockbridge	123	13,915	21	2,819		
Rockingham	340	77,376	114	19,765		
Russell	164	6,558				
Scott	168	3,914	2	56		
Shenandoah	241	21,126	86	11,875		
Smyth	113	6,730	3	126		
Southampton	188	19,037			12	1,899
Spotsylvania	99	11,430	17	3,119		
Stafford	42	8,995	5	4,754		
Suffolk	129	18,719			1	125
Surry	99	11,606	4	818	6	307
Sussex	173	18,900			2	322
Tazewell	64	5,654				
Virginia Beach	247	68,413				

3 FARMS EARNING DEFICIENCY PAYMENT - Continued

County	<u>WHEAT</u>		<u>BARLEY</u>		<u>GRAIN SORGHUM</u>	
	No. Farms	Payment	No. Farms	Payment	No. Farms	Payment
Warren	74	\$ 10,442	8	\$ 913		\$
Washington	307	13,146	3	321		
Westmoreland	387	127,824	89	26,566		
Wythe	214	15,817	10	1,474		
York	5	1,243	1	43		
STATE TOTAL	24,277	\$3,330,847	2,005	\$ 409,933	120	\$ 8,516

D INFORMATION PROGRAM

In Virginia we have a very active and aggressive program. The following chart summarizes the activity of the County Executive Directors during the calendar year 1977.

INFORMATIONAL ACTIVITY

	<u>Newsletters</u>	<u>Press Releases</u>	<u>Radio Programs</u>	<u>Radio Spots</u>	<u>TV</u>
January	98	314	640	501	
February	104	399	693	1,490	
March	103	367	721	415	
April	99	311	786	362	
May	114	345	757	281	
June	133	413	526	157	2
July	93	358	550	88	2
August	129	491	532	103	2
September	96	317	525	100	3
October	98	289	481	66	6
November	105	357	496	129	4
December	115	290	517	229	4
TOTALS	1,287	4,251	7,224	3,921	23

SECTION VII

ACREAGE COMPLIANCE

The success of allotment, marketing quota, and price support programs is dependent on obtaining accurate reports of compliance. Essential to this is a well-planned efficient program to insure accurate and timely determinations of acreages.

Aerial photographs are used in all counties in the measurement of acreages since this has proved to be the most economical and accurate method of determining acreages. The photographs used are printed to an accurate scale of 660 or 1,000 feet per inch. The scale accuracy of the photographs is controlled at the time they are printed by the application of accurate ground control lines measured between identifiable landmarks on the photographs.

The producer certification method of acreage compliance was used for all programs. The burley tobacco program, being a poundage-quota system, did not require acreage certification or field checks. Producer certification places the responsibility of acreage determination on the producer. The farmer's report is not an estimate, but the actual acreage utilized based on the best information available to the farmer. In order for the producer to be in a position to report accurately, ASCS furnished him several tools - measurement service, photocopies, and counter service.

Measurement service includes the staking of areas before planting or measurement of crops after planting. The entire cost of this service is paid by the producer. All counties offered measurement service in 1977 and service was completed on 7,631 allotments and/or other land uses.

After an application for staking service is received, a reporter visits the farm; and with the assistance of the producer, the field or the areas are measured and staked before the crop is planted. By planting within the staked area, the farmer is assured of planting the entire allotment; and at the same time, eliminates the risk of overplanting. Measurement service for other purposes affords the producer the opportunity of knowing the acreage of each field or for all fields on the farm. It also affords him the opportunity to have his crop measured as soon as planted and to make any adjustment that is necessary.

Photocopies are made for a farm by outlining the farm and field boundaries on an aerial photograph, numbering or lettering each field and determining the acreage and posting it within the boundaries of the field. The area of the photograph covering the farm is then copied through a photo-direct process to prepare a master and several photocopies are printed by an offset duplicator. These photocopies show all the details of the photograph as well as field numbers and acreages. The acreages shown are used as official acreages for ASCS programs unless the boundaries are changed.

As producers sign up in the various programs, photocopies are given the producer at the counter. Acreages and plans for planting are discussed at the time as an aid to the producer in making his acreage determinations

to support his compliance certification after planting of the crop. The photocopy is again reviewed with the producer at the time he reports his compliance to insure that his determinations are correct. If any doubt exists concerning the accuracy of his determinations, measurement service is offered and recommended.

New flight aerial photography (660' scale) has been delivered to Culpeper, Frederick, Fauquier, Greene, Madison, Orange, and Rappahannock Counties. The counties approved for new flight aerial photography for FY 1978 are: Bland, Brunswick, Buchanan, Dickenson, Dinwiddie, Fairfax, Isle of Wight, King George-Stafford, Page, Prince William, Southampton, Spotsylvania, Suffolk, Surry, Sussex, and Wise. The following counties have been recommended for new flight aerial photography by the State Committee for FY 1979: Amelia, Amherst, Appomattox, Bedford, Campbell, Caroline, Charles City, Charlotte, Chesapeake, Craig, Cumberland, Essex, Franklin, Giles, Greenville, Halifax, Henrico, Henry, James City, King and Queen, King William, Lancaster, Lunenburg, Mecklenburg, Middlesex, Nelson, New Kent, Northumberland, Nottoway, Patrick, Pittsylvania, Richmond, and Virginia Beach.

In 1977, 332 reporters were employed who made over 12,800 determinations. These determinations involve measurement service, initial compliance determinations, and administrative control visits on farms where compliance was determined by producer certification. County Executive Directors also assisted in performing control visits.

A total of over 9,700 field appraisals were completed for the disaster payment program. For year 1977 the State office staff was responsible for initial training of State and county field personnel who performed the appraisals.

The table which follows shows the number of acreage determinations made in 1977.

NUMBER OF ACREAGE DETERMINATIONS IN 1977

Crop or Program	Number Measurement Service	Number Farm Certifications Accepted	Number of Administrative Checks of Farmer Certifications
Cotton	0	253	4
Peanuts	3,543	4,772	374
Tobacco - Burley	0	0	0
Flue	3,438	9,673	667
Fire	632	2,815	245
Sun	18	470	86
Nonquota	0	11	11
ACP & ALSCP	0	7,636	431
Feed Grain & Wheat	0	32,872	3,241
Inspections, Conservation Programs, ECM, CMS (Vendors)	0	628	164
STATE TOTALS	7,631	59,130	5,223

SECTION VIII

DROUGHT AND FLOOD CONSERVATION PROGRAM

Due to the severe drought last summer, the Drought and Flood Conservation Program (DFCP) was initiated in Virginia. This was a temporary program which provided assistance that would have an immediate and significant impact on alleviating soil and water conservation problems caused by the drought. This program provided 80 percent cost-share to farmers for developing livestock water to prevent erosion, establishing permanent vegetative cover, reestablishing or improving permanent vegetative cover, water catchments and establishing interim cover for protection from erosion. The Federal Interagency Drought Coordinating Committee declared 82 Virginia counties to be emergency drought impact areas, thereby, making them eligible for DFCP. This program was implemented in 66 counties in 1977.

The tables which follow outline the 1977 accomplishments in Virginia through the Drought and Flood Conservation Program.

SUMMARY OF DFCP PRACTICES BY COUNTIES

County	Farms	Number	Acres Served	Total Dollars
Developing Livestock Water to Prevent Erosion				
Amherst	4	7	260	\$ 2,758
Bedford	4	4	73	1,213
Buckingham	1	1	10	480
Campbell	3	3	70	2,500
Clarke	9	9	662	6,351
Craig	4	4	78	2,750
Culpeper	3	3	120	4,911
Fauquier	1	1	45	350
Frederick	2	2	67	772
Greene	4	4	174	2,934
Greensville	1	1	5	300
Highland	2	2	85	843
Madison	2	2	16	400
Nelson	2	2	43	1,372
Nottoway	2	2	70	1,600
Orange	3	3	72	1,345
Rockbridge	4	4	125	1,135
Rockingham	11	11	449	9,989
Southampton	6	6	58	4,764
Spotsylvania	2	4	63	1,600
Warren	2	2	112	1,600
Suffolk	6	6	74	7,899
TOTALS	78	83	2,731	\$ 57,866

SUMMARY OF DFCP PRACTICES BY COUNTIES

County	Farms	Acres	Total Dollars
Establishing Permanent Vegetative Cover			
Accomack	7	70	\$ 3,304
Albemarle	6	47	1,765
Amelia	13	115	4,507
Amherst	6	19	1,091
Appomattox	16	109	4,758
Bath	1	5	345
Bedford	20	157	6,968
Brunswick	6	48	2,382
Buckingham	13	102	4,660
Campbell	11	120	6,347
Charlotte	3	21	997
Chesterfield	8	48	2,866
Culpeper	1	16	1,088
Cumberland	11	109	5,766
Dinwiddie	2	21	1,012
Essex	3	48	1,713
Fauquier	4	63	1,597
Fluvanna	25	230	8,803
Frederick	2	13	595
Goochland	6	87	3,701
Greene	6	77	2,392
Halifax	11	81	4,174
Henry	2	10	769
Isle of Wight	2	9	653
King George	3	44	1,525
Louisa	15	163	5,168
Lunenburg	11	68	3,961
Madison	10	117	4,956
Mecklenburg	5	25	1,450
Nelson	8	40	2,041
Northampton	2	22	187
Northumberland	1	10	714
Nottoway	3	29	1,078
Orange	7	73	2,006
Page	5	45	2,200
Patrick	2	11	500
Powhatan	7	84	5,378
Prince Edward	11	62	2,085
Prince George	1	7	407
Prince William	5	37	1,917
Rappahannock	4	60	2,338
Rockbridge	21	96	3,684
Southampton	1	9	587

SUMMARY OF DFCP PRACTICES BY COUNTIES

County	Farms	Acres	Total Dollars
Establishing Permanent Vegetative Cover - Continued			
Spotsylvania	4	39	\$ 1,637
Stafford	3	29	1,195
Sussex	1	15	438
Warren	5	61	2,231
TOTALS	320	2,771	\$ 119,936

County	Farms	Acres	Total Dollars
Reestablish or Improve Permanent Vegetative Cover			
Accomack	13	275	\$ 10,441
Albemarle	30	372	7,995
Amelia	6	81	2,442
Amherst	20	110	3,129
Appomattox	22	204	7,821
Augusta	24	256	7,371
Bath	17	257	6,097
Bedford	53	576	15,592
Brunswick	14	153	5,247
Buckingham	21	221	7,514
Campbell	27	403	13,464
Caroline	6	95	3,907
Charlotte	1	5	196
Clarke	24	535	11,507
Craig	17	160	8,018
Culpeper	7	274	6,000
Cumberland	5	88	3,527
Dinwiddie	11	147	4,334
Essex	4	331	6,819
Fauquier	37	541	14,982
Fluvanna	32	401	12,057
Franklin	8	94	3,814
Frederick	20	635	16,367
Goochland	14	240	8,359
Greene	1	6	328
Halifax	14	110	4,911
Henrico	7	108	4,805
Henry	4	70	2,109
Highland	29	319	11,932
Isle of Wight	3	38	1,736
King and Queen	4	37	1,847
King George	16	391	10,883

SUMMARY OF DFCP PRACTICES BY COUNTIES

County	Farms	Acres	Total Dollars
Reestablish or Improve Permanent Vegetative Cover - Continued			
King William	2	47	\$ 2,313
Louisa	30	438	11,554
Lunenburg	25	269	10,200
Madison	16	207	6,878
Nelson	17	137	4,558
Northampton	4	106	3,018
Northumberland	2	67	2,075
Nottoway	13	171	6,528
Orange	33	532	13,384
Patrick	2	15	546
Powhatan	2	55	1,561
Prince Edward	14	143	3,764
Prince George	7	161	5,169
Prince William	10	101	4,490
Richmond	4	59	1,207
Roanoke	10	263	7,719
Rockbridge	41	355	7,169
Southampton	4	36	926
Spotsylvania	12	203	5,169
Stafford	24	338	6,616
Surry	6	117	4,499
Warren	10	180	5,774
Westmoreland	5	90	3,443
TOTAL	804	11,623	\$344,111

County	Farms	Number	Acres Served	Total Dollars
Water Catchments				
Amelia	2	2	32	\$ 981
Bedford	1	1	25	1,900
Brunswick	5	5	135	6,500
Caroline	1	1	30	1,500
Charlotte	2	2	28	3,400
Clarke	2	2	67	609
Craig	1	1	20	140
Fauquier	3	32	115	900
Franklin	5	5	115	10,920
Frederick	3	3	160	2,760

SUMMARY OF DFCP PRACTICES BY COUNTIES

County	Farms	Number	Acres Served	Total Dollars
Water Catchments - Continued				
Greene	1	1	25	\$ 732
Greenville	1	1	8	2,350
Halifax	8	8	270	7,437
Isle of Wight	5	5	25	6,013
Lunenburg	5	5	128	8,000
Mecklenburg	11	11	138	7,096
Nottoway	1	1	25	1,000
Patrick	6	6	147	6,432
Pittsylvania	5	5	55	11,497
Powhatan	3	3	87	5,300
Prince Edward	1	1	3	869
Prince William	1	1	23	462
Richmond	2	2	50	3,378
Roanoke	1	1	20	192
Rockbridge	1	1	20	320
Rockingham	5	5	175	2,036
Shenandoah	21	21	301	7,330
Surry	2	3	41	2,500
Sussex	5	5	73	7,496
Warren	1	1	17	575
TOTALS	111	141	2,358	\$110,625

County	Farms	Acres	Total Dollars
Interim Cover			
Albemarle	6	152	\$ 2,083
Alleghany	11	105	2,400
Amelia	6	52	893
Amherst	19	197	3,594
Appomattox	5	66	1,453
Augusta	56	2,395	25,975
Bath	5	75	1,065
Bedford	18	301	2,616
Brunswick	18	242	2,020
Buckingham	7	94	1,690
Campbell	10	184	1,686
Caroline	14	563	5,299

SUMMARY OF DFCP PRACTICES BY COUNTIES

County	Farms	Acres	Total Dollars
Interim Cover - Continued			
Charlotte	5	57	\$ 597
Chesterfield	18	357	3,224
Clarke	10	378	4,305
Craig	4	71	961
Cumberland	1	4	37
Dinwiddie	39	964	7,479
Essex	1	70	748
Frederick	6	173	3,492
Goochland	4	246	4,431
Grayson	108	976	8,251
Greene	10	250	2,774
Halifax	1	21	233
Hanover	40	921	13,590
Henrico	6	102	2,401
Henry	2	26	231
Highland	1	10	139
Isle of Wight	26	1,928	4,055
James City	4	133	3,175
King and Queen	5	179	3,116
King George	2	100	1,281
King William	4	273	4,836
Louisa	2	84	499
Lunenburg	15	225	3,739
Madison	47	1,063	11,265
Nelson	3	23	491
Northumberland	31	515	6,800
Nottoway	1	20	160
Orange	23	746	7,354
Page	44	1,218	14,708
Patrick	7	126	1,008
Powhatan	7	276	2,221
Prince Edward	20	250	4,413
Prince George	24	819	8,792
Rappahannock	1	22	233
Richmond	22	556	9,279
Roanoke	5	158	2,562
Rockbridge	16	279	2,182
Rockingham	51	1,817	12,537
Shenandoah	15	413	4,368
Southampton	33	649	5,366
Spotsylvania	13	375	3,756
Stafford	2	68	870
Surry	8	746	2,984

SUMMARY OF DFCP PRACTICES BY COUNTIES

County	Farms	Acres	Total Dollars
Interim Cover - Continued			
Warren	5	98	\$ 2,127
Westmoreland	6	144	2,172
Suffolk	34	833	5,782
TOTALS	907	23,188	235,798

County	Farms	Acres Served	Total Dollars
Special Erosion Control or Water Conservation			
Page	25	376	\$ 5,840
TOTAL	25	376	\$ 5,840

SECTION IX

A BEEKEEPER INDEMNITY PAYMENT PROGRAM

In 1971 USDA established the Beekeeper Indemnity Payment Program. This program provides financial assistance to those beekeepers who have lost or had damage to their bees because of the use of pesticides through no fault of their own.

Beekeepers may file a claim for indemnification on the basis of an established rate per colony. The payment rates are: \$22.50 for destroyed, \$15.00 for severely damaged, \$7.50 for moderately damaged; and \$7.50 for each queen nucleus destroyed.

Sixteen (16) indemnity payments were made in Virginia for \$3,380 during calendar year 1977.

B PRICE SUPPORT ACTIVITY

1 INTRODUCTION

Commodity Credit Corporation (CCC) makes loans available on agricultural commodities stored on the farm or in an approved warehouse. Commodities supported through loans are barley, corn, flue tobacco, honey, oats, peanuts, rye, sorghum, soybeans, and wheat. A purchase program is also provided for these commodities.

Support operations are usually conducted for CCC by ASCS, which carries out much of its work through State and county offices. Loans are made directly to farmers through county offices. Approved storage may be structures on or off the farm, or country, or terminal warehouses.

The commodity itself, serves as collateral for the loan, and on maturity, the producer may elect to deliver the commodity to CCC or repay the loan in full. Of course the loan may be repaid anytime prior to maturity if so desired. The interest rate is six (6) percent per annum on the unpaid balance.

If the farmer chooses not to repay a loan, he delivers the commodity to CCC if farm stored, or if warehouse stored CCC takes title. Ordinarily the loan, including interest, is satisfied.

A summary of activity by commodities for 1977 crops is listed. Data shown does not include any loans made on the 1977 crops after March 31, 1978.

PRICE SUPPORT ACTIVITY

Commodity	No. Loans	Total Under Loan (Bu) or (Cwt.)	Amount Loaned
Barley	23	92,896	\$ 139,700
Corn	381	2,483,203	5,407,550
Oats	2	612	675
Peanuts	57	60,400 (cwt)	1,298,775
Rye	4	4,140	6,750
Soybeans	72	157,200	545,200
Wheat	75	156,138	348,940
TOTALS	614	- - -	\$ 7,747,590

C STORAGE STRUCTURE AND DRYING EQUIPMENT LOANS

Loans are made available through county ASCS offices for farmers to purchase and install new storage structures and drying equipment needed on the farm.

Purchases must be made through an approved supplier. The maximum loan is 85 percent of the eligible net cost. Loans are for a period of five to eight years, and are repayable in four to seven equal annual installments. The interest rate for these loans are seven (7) percent per annum on the unpaid balance.

Storage capacity on Virginia farms has increased steadily over the past few years. Of course, this report reflects only that storage reported through our loan program.

Activity listed, shows total loans disbursed for calendar year 1977.

<u>STORAGE STRUCTURE LOANS</u>			Total Program	
<u>No. Loans Made</u>	<u>1977 Activity</u>		<u>as of December 31, 1977</u>	
	<u>Capacity (Bushels)</u>	<u>Amount Loaned</u>	<u>No. Loans Made</u>	<u>Capacity (Bushels)</u>
188	1,461,390	\$1,392,654	3,060	16,680,640

<u>DRYING EQUIPMENT LOANS</u>			Total Program	
<u>No. Loans Made</u>	<u>1977 Activity</u>		<u>as of December 31, 1977</u>	
	<u>Amount Loaned</u>		<u>No. Loans Made</u>	
113	\$763,036		2,049	

WET STORAGE LOANS

<u>1977 Activity</u>		<u>Total Program as of December 31, 1977</u>
<u>No. Loans Made</u>	<u>Amount Loaned</u>	<u>No. Loans Made</u>
9	\$132,775	27

TOTAL SS AND DE LOANS DISBURSED THROUGH 1977

Storage Structure:

No. Loans	3,060
Loaned	\$ 9,090,110
Losses	1,566
Percent of Loss	0.2%

Wet Storage:

No. Loans	27
Loaned	\$ 242,156

Drying Equipment

No. Loans	2,049
Loaned	\$ 7,044,568
Losses	4,170
Percent of Loss	.06%

Combined Programs:

No. Loans	5,136
Loaned	\$16,376,834
Losses	5,736
Percent of Loss	.04%

Loans Outstanding:	1,237
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Money Outstanding	\$ 4,498,500
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D WOOL INCENTIVE PROGRAM

This program was initiated in 1953, with the primary purpose of encouraging more wool production by offering sheep producers incentive payments on unshorn lambs and shorn wool.

Payments are made to bring the average price for wool received by all producers in the United States up to the announced incentive level. Payments are usually made in April, following the previous marketing year. The support price for wool in 1976 was 72 cents per pound. The average price received by producers for 1976 shorn wool was 65.7 cents per pound. The wool report represents payments made in 1977 for the 1976 marketing year.

SHORN WOOL - 1976 MARKETING YEAR - PAYMENTS MADE IN 1977

<u>No. Producers Earning Payments</u>	<u>Pounds of Wool Sold</u>	<u>Net Sales Proceeds</u>	<u>Incentive Payments</u>	<u>Promotion Fund Deductions</u>	<u>Net Payment to Producers</u>
2,226	649,495	\$432,488	\$41,470	\$9,734	\$31,736

UNSHORN LAMBS - 1976 MARKETING YEAR - PAYMENTS MADE IN 1977

<u>No. Producers Earning Payments</u>	<u>No. Unshorn Lambs Sold</u>	<u>Payments on Unshorn Lambs</u>	<u>Promotion Fund Deductions</u>	<u>Net Payments to Producers</u>
2,033	103,763	\$21,463	\$6,439	\$15,023

E EMERGENCY FEED PROGRAM

Livestock producers who suffered a loss of feed produced on the farm of 40 percent or more during the year due to a natural disaster are eligible to be considered for assistance. County ASC Committees have the authority to implement this program. Assistance provided amounts to 50 percent of the cost of the feed purchased, not to exceed 2 cents per pound feed grain equivalent, limited to the computed eligible pounds.

As a result of the 1976 drought, ASCS paid \$1,100,000 to Virginia livestock producers to purchase needed feed. The drought of 1977 resulted in \$795,000 being paid through December 31, 1977 to 1,050 producers.

F HAY TRANSPORTATION ASSISTANCE PROGRAM

Livestock producers in counties declared a disaster area by the President could receive up to 80 percent of the cost of transporting hay and silage, not to exceed \$50 per ton. Twenty five Virginia counties were declared eligible due to the 1976 drought. Total assistance paid amounted to \$808,000. This program was terminated in early 1977.



